

Service Manual



G-Shot P433
Version K01A

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1. Function Test

TOOL/EQUIPMENT

ESD protection glove, SD card, AA battery, flower, AC adaptor, TV

OPERATION DESCRIPTION

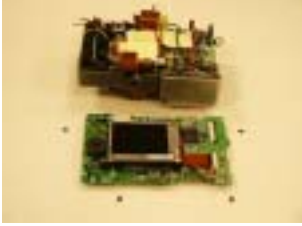
ITEM	OPERATON DESCRIPTION
1.	Check the open and close of battery cover, too tight or loosen is not allowed
2	Load in batteries according to the icon, power on camera, check the lens extending status
3.	Press TELE key, power on camera, wait until initial image ending, then loosen TELE key, to see if the FW version is for delivery one
4.	Re-power on camera, check if there is SD card icon on LCD display, then take one picture in auto mode
5.	Check if the high/low light spots, black/white spots on LCD screen are within the spec.
6.	Power off camera, check if the lens is going back
7.	Insert in 3.0V/2.0A AC adaptor, power on camera
8.	Dial the dial knob, check if in each mode, the LCD display is fit with mode shifting process
9.	Shifting to manual mode, press flash mode shifting key to check if the flash icon on LCD display is changing accordingly. Capture in force flash mode to check if the strobe is flashing
10.	Press “macro” mode key to check the icon displaying on LCD, and take one picture, check the flash is not triggering
11.	Press “self timer” key to check the icon displaying on LCD, and take one picture to see if it is ok
12.	Press “delete “key to delete all pictures
13.	Enter into auto capture mode, press Menu key, choose “image size” to set 2048*1536,choose “fine”, then exit, press W/T key, take pictures.
14.	Enter into manual capture mode, press Menu key, choose “image size” to set 2048*1536,choose “fine”, then exit, press W/T key, take pictures.
15.	Enter into video mode, press shutter key, record for 3 seconds, then press shutter key again to finish video.
16.	Connect to TV, enter into “play back” mode, check if all the images and video took just now is ok. Press “delete” key to format the storage.
17.	Enter into “set up” mode, to reset camera to default values, make the dial knob onto Auto mode
18	Power off camera, check the lens should going back totally, plug out AC adaptor.

2. Troubleshooting

Item	NG point	NG Analyzing solution
Charging and triggering system	No charging	Changing the MCU Board.
	No triggering	Changing the MCU Board.
Lens system	Lens extending /retracting is no good	Changing the MCU Board.
	Diaphragm changing is no good	Changing the MCU Board.
Power and System	Power on failure (without current response)	Changing the Power Board.
	Power on fail (with current)	Changing the Power Board.
	AC power supplier and battery changing are no good	Changing the Power Board.

If change any PCB of DSC, the calibration is necessary.

3. Disassemble Procedure

	Step	Figure	Discription	Remark	Tools
Disassemble procedures	1		Finished Product	Examine if there's any scratch on the surface.	
	2		Remove the all screws at the camera housing and remove the front, rear cover.	Do not scratch the camera surface while removing the screws.	Screw driver
	3		Remove the screws to take off the Switch FPC.		Screw driver
	4		Desolder the joints of Switch FPC.		Soldering iron
	5		Disassemble the dial mode and switch FPC.		Screw driver
	6		Remove the screws to take off the MCU PCB.		Screw driver

4. Firmware Update Procedure

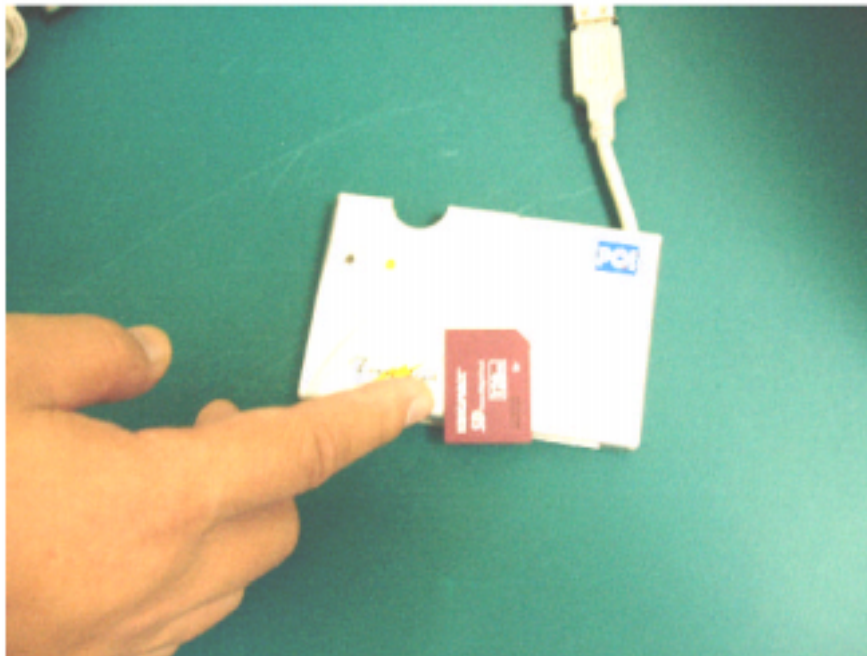
Product : G-Shot P433

To update this camera firmware, you will need to have

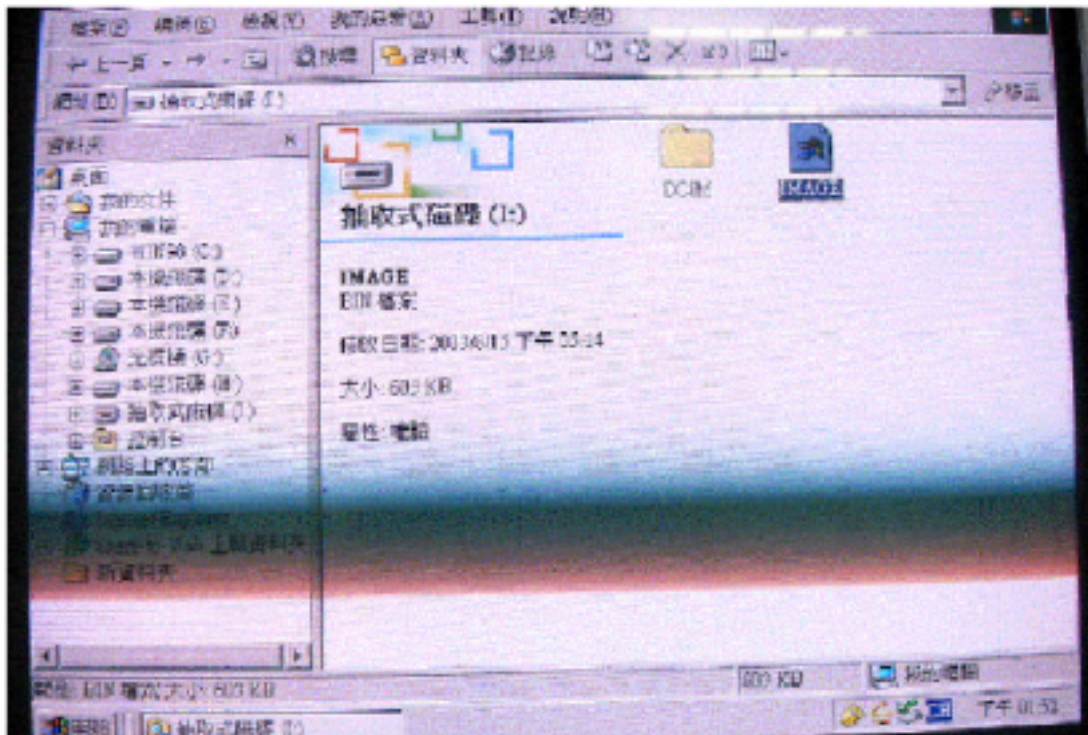
1. The new firmware file.
2. One SD card.
3. One card reader.

Please follow the steps below to perform the update process:

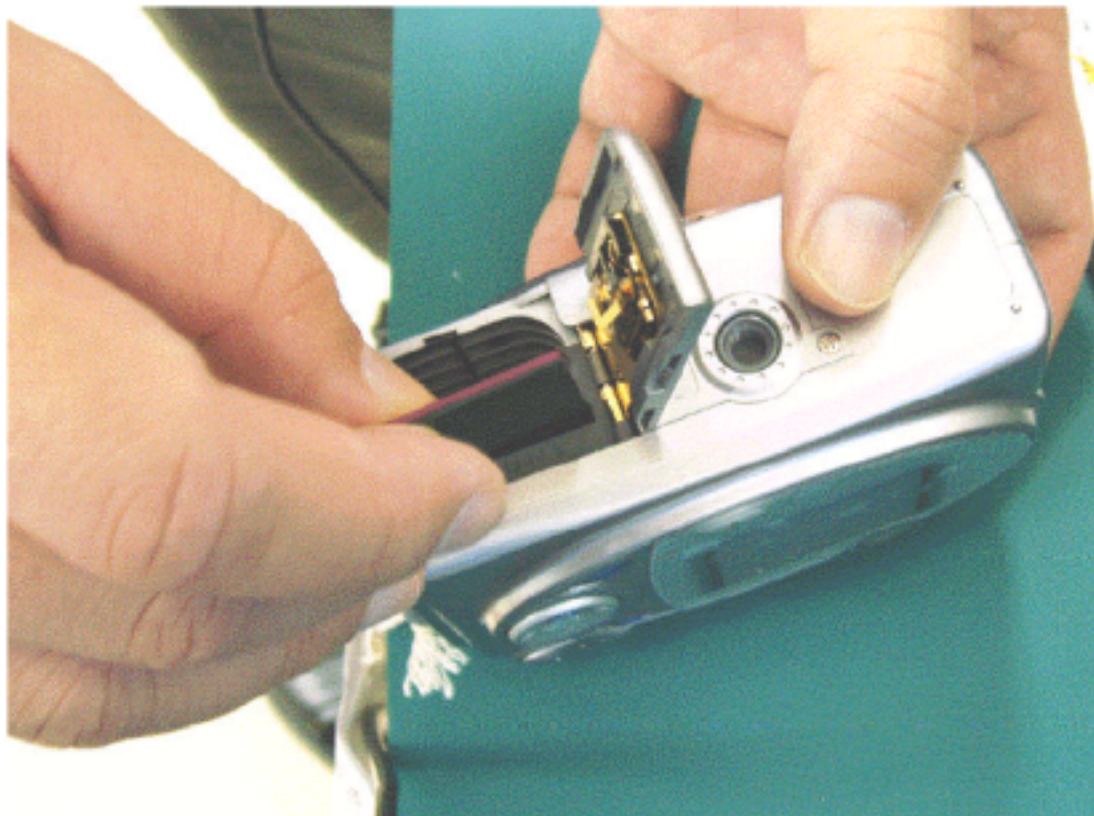
1.insert SD card into CardReader



2.Copy FireWare Version IMAGE.BIN file to SD Card boot direction by CardReader



3.insert SD Card into Camera



4.insert new battery or adaptor into Camera



5.Power On Camera



6. Press Down key to select EXIT item , and press OK key to exit Date&Time set menu



7. notice: LCD ought to show SD icon



8.Power Off Camera , Wait for Camera Update FireWare . When Camera auto Update FireWare Over , Lcd ought to flash . for example :MPG_0009.MPG

Note: Don't remove the power source during firmware update procedures.

5. Part List (G-Shot P433)

Item	Part Name	Part Number	Quantity
1	Front Cover Assy	9E944-1002	1
2	Rear Cover Assy	9E944-2015	1
3	Jack Cover	9E934-011*2DL	1
4	Dial mode	9E944-4002	1
5	MCU PCB	9E947-0100	1
6	Switch FPC	9E947-3100	1
7	Flash Tube Assy	9E947-4200	1
8	Screw	01635-348	7

1. Front Cover Assy



2. Rear Cover Assy



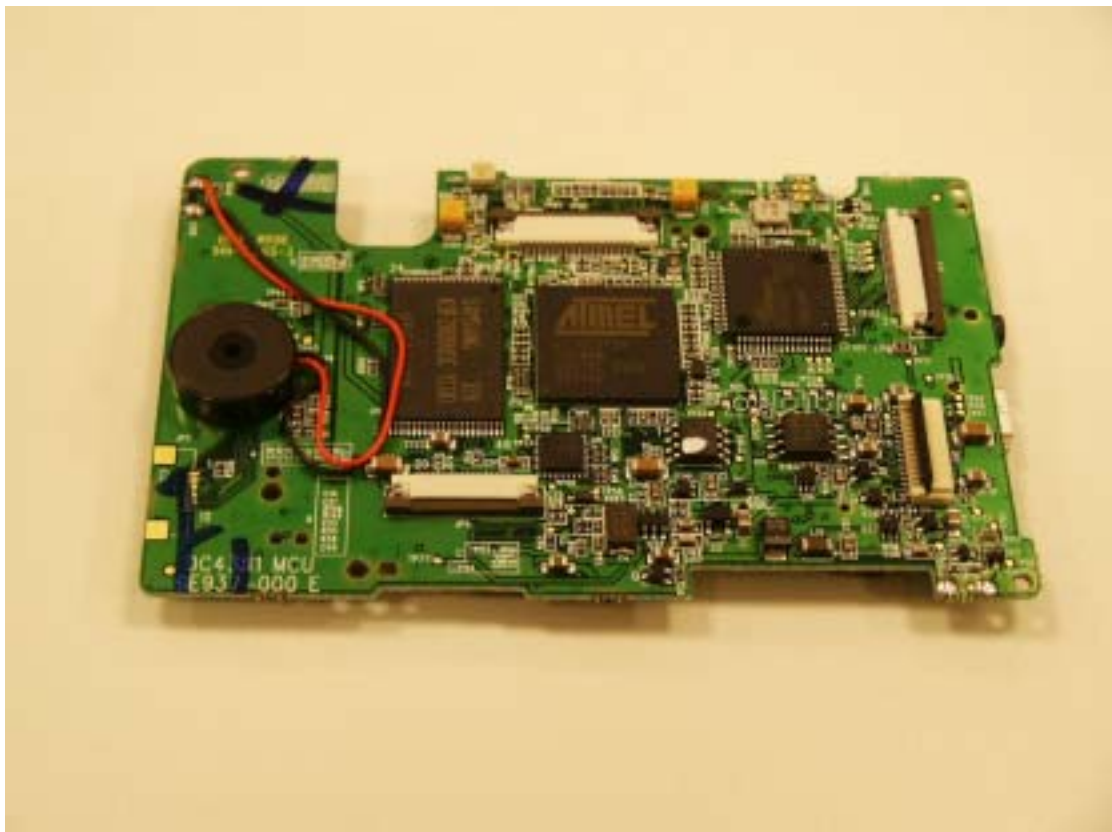
3. Jack Cover



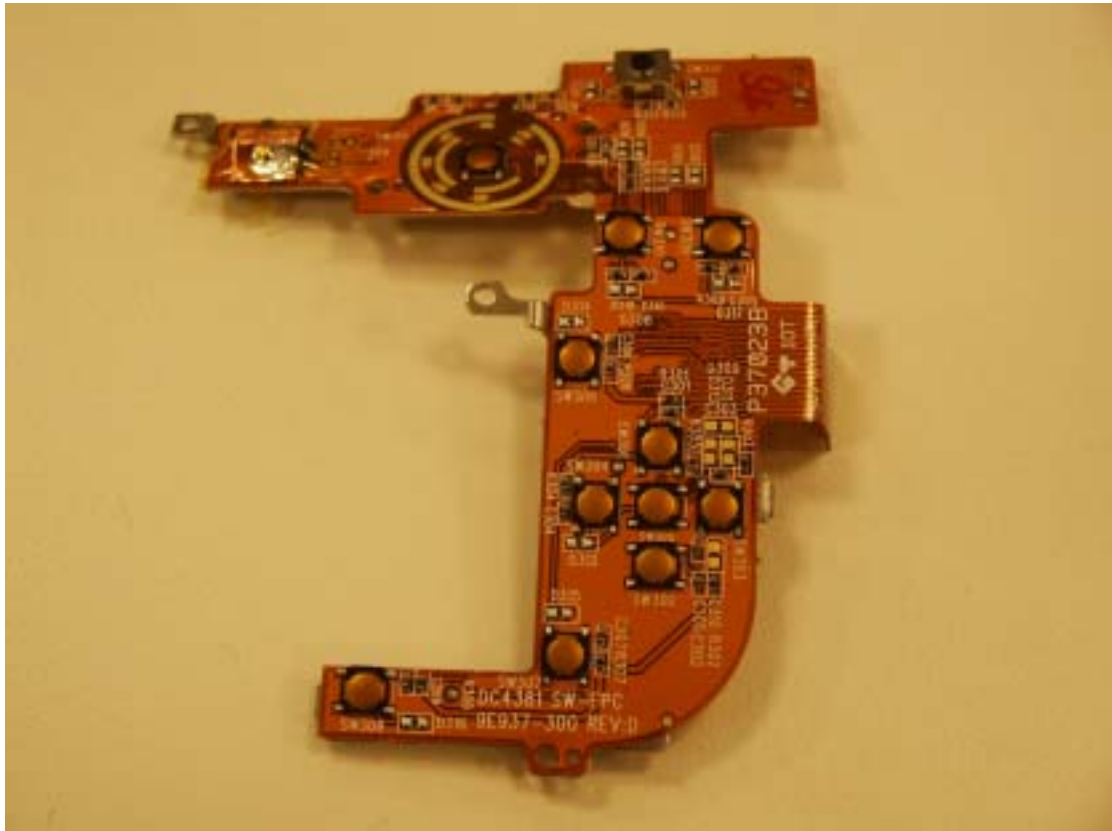
4. Dial mode



5. MCU PCB



6. Switch FPC



7. Flash Tube Assy



6. Tooling

Item	Description	Mark
1	Screw Driver (2.0m/m)	
2	Soldering iron	
3	Tweezers	

1. Screw Driver



2. Soldering iron



3. Tweezers

